Message

From: Leifer, Kerry [Leifer.Kerry@epa.gov]
Sent: 11/23/2020 1:23:10 PM
To: Deegan, Dave [Deegan.Dave@epa.gov]; Grantham, Nancy [Grantham.Nancy@epa.gov]
CC: Drinkard, Andrea [Drinkard.Andrea@epa.gov]; Hewitt, James [hewitt.james@epa.gov]; Press [Press@epa.gov]; Siedschlag, Gregory [Siedschlag.Gregory@epa.gov]; Han, Kaythi [Han.Kaythi@epa.gov]; Dinkins, Darlene [Dinkins.Darlene@epa.gov]; Echeverria, Marietta [Echeverria.Marietta@epa.gov]; Aubee, Catherine [Aubee.Catherine@epa.gov]; Dennis, Allison [Dennis.Allison@epa.gov]
Subject: RE: Globe PFAS story

Yes it is the same, the inquiry came in yesterday at 6:15 pm.

Kerry Leifer, Chief
Chemistry, Inerts and Toxicology Assessment Branch
Registration Division (7505P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
1200 Pennsylvania Ave. NW
Washington, DC 20460
tel: (703) 308-8811
fax: (703) 605-0781

e-mail: leifer.kerry@epa.gov

From: Deegan, Dave
Sent: Monday, November 23, 2020 8:22 AM
To: Grantham, Nancy <Grantham.Nancy@epa.gov>
Cc: Drinkard, Andrea <Drinkard.Andrea@epa.gov>; Hewitt, James <hewitt.james@epa.gov>; Leifer, Kerry <Leifer.Kerry@epa.gov>; Press <Press@epa.gov>; Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Han, Kaythi <Han.Kaythi@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Aubee, Catherine <Aubee.Catherine@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Subject: Re: Globe PFAS story

I believe it's the same inquiry. Reporter is hoping to file today. In practice I find his deadlines usually aren't firm.

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Dave Deegan
US EPA, Region 1
Office of Public Affairs
deegan.dave@epa.gov
617.918.1017 office
617.594.7068 iPhone

> On Nov 23, 2020, at 8:19 AM, Grantham, Nancy <Grantham.Nancy@epa.gov> wrote:
>
> Are these the same .. let's make sure thanks ng
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From: Drinkard, Andrea <Drinkard.Andrea@epa.gov>
Sent: Monday, November 23, 2020 8:10 AM
To: Grantham, Nancy <Grantham.Nancy@epa.gov>
Cc: Hewitt, James <hewitt.james@epa.gov>; Leifer, Kerry <Leifer.Kerry@epa.gov>; Press <Press@epa.gov>; Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Han, Kaythi <Han.Kaythi@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Aubee, Catherine <Aubee.Catherine@epa.gov>; Deegan, Dave <Deegan.Dave@epa.gov>; Dennis, Allison <Dennis.Allison@epa.gov>
Subject: Re: Globe PFAS story

I can work this one with OCSPP and R1 if that works for folks.

> On Nov 23, 2020, at 8:09 AM, Grantham, Nancy <Grantham.Nancy@epa.gov> wrote:
>
> Looping dave Deegan
>
> **From:** Hewitt, James <hewitt.james@epa.gov>
> **Sent:** Monday, November 23, 2020 8:04 AM
> **To:** Leifer, Kerry <Leifer.Kerry@epa.gov>
> **Cc:** Press <Press@epa.gov>; Siedschlag, Gregory <Siedschlag.Gregory@epa.gov>; Han, Kaythi <Han.Kaythi@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Echeverria, Marietta <Echeverria.Marietta@epa.gov>; Aubee, Catherine <Aubee.Catherine@epa.gov>
> **Subject:** Re: Globe PFAS story
>
> Please get a deadline from the globe and coordinate with OCSPP on answers.
>
> Sent from my iPhone
>
> > On Nov 23, 2020, at 7:25 AM, Leifer, Kerry <Leifer.Kerry@epa.gov> wrote:
> >
> > I received the following press inquiry yesterday evening—see email below.
> >
> > Kerry
> >
> > _____
> > Kerry Leifer, Chief
> > Chemistry, Inerts and Toxicology Assessment Branch
> > Registration Division (7505P)
> > Office of Pesticide Programs
> > U.S. Environmental Protection Agency
> > 1200 Pennsylvania Ave. NW
> > Washington, DC 20460
> > tel: (703) 308-8811

fax: (703) 605-0781

e-mail: leifer.kerry@epa.gov

From: Abel, David [mailto:dabel@globe.com]
Sent: Sunday, November 22, 2020 6:12 PM
To: Leifer, Kerry <Leifer.Kerry@epa.gov>; Deegan, Dave <Deegan.Dave@epa.gov>
Subject: Globe PFAS story

Hi Kerry and Dave,

I hope all's well. I'm working on a potential story about elevated levels of PFAS found in Anvil, the insecticide Massachusetts and other states use to spray for EEE. Below is a table of findings from DEP, as well as a press release and other documents from PEER, urging the state to ban the use of the chemicals.

Just wondering if you could respond to these questions:

-- Are these findings of PFAS in Anvil from the DEP concerning, and if so, why or why not?

-- Should we be as concerned about forever chemicals (which don't degrade) being sprayed by air and truck entering drinking water and other water systems, and if so, why?

-- Based on these findings, should the EPA or states ban the use of these chemicals, and if so, why or why not?

Thanks!

Best, David

Summary Table of PFAS Concentrations from MassDEP Anvil 10 + 10 Sampling:

Sample collection date	9/22	9/22	9/22	9/22	9/22	10/21	10/21	10/21	
Sample type	55 gal. drum 1	55 gal. drum 2	CONTROL: sampling device rinse cntrl. for 55 gal. drum 1 and 2	2.5 gal. jug 1 (SAMPLE 3)	sampling device rinse cntrl. 2.5 gal. jug 1	55 gal. drum 1	55 gal. drum 2	55 gal. drum 3 and dupli-cate sample	
PFAS Compound	Concentration in nanograms per liter (ng/L) or part per trillion (ppt)								
Perfluorobutanoic Acid (PFBA)	**692**	171	ND ND	52.8 J	ND	**716**	174	**230** 216	
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluoropentanoic Acid (PFPeA)	296	76.6 J	0.370 J ND	35.2 J	ND	290	55.4 J	88.7 J 84.7 J	
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	

Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluorohexanoic Acid (PFHxA)	132	41.2 J	0.407 J ND	17.6 J	0.461 J	105	23.7 J	37.4 J 42.3 J	
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluoroheptanoic Acid (PFHpA)	53.4 J	23.6 J	ND ND	ND	ND	47.6 J	ND	ND 19.2 J	
Perfluorohexanesulfonic Acid (PFHxS)	**ND**	**ND**	**ND ND**	**52.8 J**	**ND**	**ND**	**ND**	**ND ND**	
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ND ND	ND	ND	29.8 J	31.6 J	27.6 J 28.9 J	
Perfluorooctanoic Acid (PFOA)	**25.7 J**	**ND**	**ND ND**	**ND**	**ND**	**21.8 J**	**ND**	**ND ND**	
Perfluoroheptanesulfonic Acid (PFHpS)	107	100	ND ND	125	ND	ND	98.9	63.0 J 52.0 J	
Perfluorononanoic Acid (PFNA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluorooctanesulfonic Acid (PFOS)	**73.1 J**	**ND**	**ND ND**	**76.2 J**	**2.73**	**ND**	**ND**	**ND ND**	
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluorodecanoic Acid (PFDA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluoroundecanoic Acid (PFUnA)	13.8 J	ND	ND ND	21.5 J	ND	184	ND	ND ND	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	
Perfluorododecanoic Acid (PFDoA)	ND	ND	ND ND	ND	ND	ND	ND	ND ND	

Table notes: ND = not detected; J = estimated value; Tube rinse cntrl. = sampling device rinsates performed at sampling site prior to sam
assess any sampling device contamination. All field and trip blanks were generally non-detect and are not presented. In one, PFOS was d

All samples were analyzed by Alpha Analytical, Mansfield, MA. using a modified version of EPA Method 533. Stated reporting limits for p
were below 100 ng/L with detection limits ranging from approximately 5-50 ng/L depending on the analyte. QA/QC issues were approp
Alpha Analytical in the lab reports but all QA/QC elements have not been fully reviewed by MassDEP at this time.

The September and October samples were collected by two different contractors using new sampling devices. The October 2.5 gallon jug
directly poured into the sample collection tubes.

Initial samples that were collected on 9/2 are not presented. These were invalidated because appropriate field controls were not collect
contractor and results were consistent with samples being contaminated during collection. In that round, five to thirteen PFAS were det
analyses of the single drum 1 sample collected, with a maximum concentration of 25 ug/L (25,000 ppt) for PFBA.

David Abel
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The Boston Globe
dabel@globe.com
Follow on Twitter @davabel
See my bio here, films here, and recent stories here

<Summary of PFAS in Anvil test results fnl DA.docx>
<State use of Anvil 10+10 (updated 11.9.20) DA.docx>
<PFAS Fact Sheet for Anvil release FINAL for Review DA.docx>
<PFAS Anvil letter to DEP DA.docx>
<EPA letter -- PFAS DA.docx>
<11_20_Aerially Sprayed Pesticide Contains PFAS DA (1).docx>